



PTO/SB/08A (10-01)

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Substitute for form 1459A/PTO		Complete if known	
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/776,267
		Filing Date	February 2, 2001
		First Named Inventor	Fallon
		Art Unit	2115
		Examiner Name	Suresh K. Suryawanshi
Sheet 1 of 11	Attorney Docket Number	8011-15	

U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No. ¹	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SLC		4,127,518	11-28-1978	Coy et al.	
SLC		4,302,775	11-24-1981	Widergren et al.	
SLC		4,574,351	03-04-1986	Dang et al.	
SLC		4,593,324	06-03-1986	Ohkubo et al.	
SLC		4,682,150	07-21-1987	Mathes et al.	
SLC		4,730,348	03-08-1988	MacCriskin	
SLC		4,754,351	06-28-1988	Wright	
SLC		4,804,959	02-14-1989	Makansi et al.	
SLC		4,870,415	09-26-1989	Van Maren et al.	
SLC		4,872,009	10-03-1989	Tsukiyama et al.	
SLC		4,876,541	10-24-1989	Storer	
SLC		4,888,812	12-19-1989	Dinan et al.	
SLC		4,906,995	03-06-1990	Swanson	
SLC		4,929,946	05-29-1990	O'Brien et al.	
SLC		4,953,324	09-04-1990	Herrmann	
SLC		4,965,675	10-23-1990	Hori et al.	
SLC		5,028,922	07-02-1991	Huang	
SLC		5,045,848	09-03-1991	Fascenda	
SLC		5,045,852	09-03-1991	Mitchell et al.	
SLC		5,046,027	09-03-1991	Taafe et al.	
SLC		5,049,881	09-17-1991	Gibson et al.	
SLC		5,097,261	03-17-1992	Langdon, Jr. et al.	

Examiner Signature	Suresh K. Suryawanshi	Date Considered	10/10/06
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Substitute for form 1449A/PTO FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known	
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				Filing Date	February 2, 2001
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				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	2	of	11	Attorney Docket Number	8011-15

Slas	5,113,522	05-12-1992	Dinwiddie, Jr. et al.	
Slas	5,121,342	06-09-1992	Szymborski	
Slas	5,150,430	09-22-1992	Chu	
Slas	5,159,336	10-27-1992	Rabin et al.	
Slas	5,175,543	12-29-1992	Lantz	
Slas	5,179,651	01-12-1993	Taaffe et al.	
Slas	5,191,431	03-02-1993	Hasegawa et al.	
Slas	5,204,756	04-20-1993	Chevion et al.	
Slas	5,212,742	05-18-1993	Normile et al.	
Slas	5,231,492	07-27-1993	Dangi et al.	
Slas	5,237,460	08-17-1993	Miller et al.	
Slas	5,237,675	08-17-1993	Hannon, Jr.	
Slas	5,243,341	09-07-1993	Seroussi et al.	
Slas	5,243,348	09-07-1993	Jackson	
Slas	5,247,638	09-21-1993	O'Brien et al.	
Slas	5,247,646	09-21-1993	Osterlund et al.	
Slas	5,263,168	11-16-1993	Toms et al.	
Slas	5,270,832	12-14-1993	Balkanski et al.	
Slas	5,287,420	02-15-1994	Barrett	
Slas	5,293,379	03-08-1994	Carr	
Slas	5,309,555	05-03-1994	Akins et al.	
Slas	5,355,498	10-11-1994	Provino et al.	
Slas	5,357,614	10-18-1994	Pattisam et al.	
Slas	5,379,036	01-03-1995	Storer	

Examiner Signature	Suresh K. Suryawanshi	Date Considered	10/19/06
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				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	3	of	11	Attorney Docket Number	8011-15

563	5,381,145	01-10-1995	Allen et al.	
563	5,394,534	02-28-1995	Kulakowski et al.	
563	5,396,228	03-07-1995	Garahi	
563	5,406,278	04-11-1995	Graybill et al.	
563	5,406,279	04-11-1995	Anderson et al.	
563	5,412,384	05-02-1995	Chang et al.	
563	5,414,850	05-09-1995	Whiting	
563	5,420,639	05-30-1995	Perkins	
563	5,452,287	09-19-1995	Dicecco	
563	5,461,679	10-24-1995	Normile et al.	
563	5,467,087	11-14-1995	Chu	
563	5,471,206	11-28-1995	Allen et al.	
563	5,479,587	12-26-1995	Campbell et al.	
563	5,486,826	01-23-1996	Remillard	
563	5,495,244	02-27-1996	Je-Chang et al.	
563	5,506,844	04-09-1996	Rao	
563	5,506,872	04-09-1996	Mohler	
563	5,530,845	06-25-1996	Hiatt et al.	
563	5,533,051	07-02-1996	James	
563	5,535,356	07-09-1996	Kim et al.	
563	5,537,658	07-16-1996	Bakke et al.	
563	5,557,551	09-17-1996	Craft	
563	5,557,668	09-17-1996	Brady	
563	5,557,749	09-17-1996	Norris	

Examiner Signature	<i>Suresh K. Suryawanshi</i>	Date Considered	10/12/06
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Sheet		4	of	11	Filing Date February 2, 2001
					First Named Inventor Fallon
					Art Unit 2115
					Examiner Name Suresh K. Suryawanshi
					Attorney Docket Number 8011-15

Sts		5,561,824	10-01-1996	Carreiro et al.	
Sts		5,574,952	11-12-1996	Brady et al.	
Sts		5,576,953	11-19-1996	Hugentobler	
Sts		5,583,500	12-10-1996	Allen et al.	
Sts		5,590,306	12-31-1996	Watanabe et al.	
Sts		5,596,674	01-21-1997	Bhandari et al.	
Sts		5,604,824	02-18-1997	Chui et al.	
Sts		5,606,706	02-25-1997	Takamoto et al.	
Sts		5,612,788	03-18-1997	Stone	
Sts		5,615,017	03-25-1997	Choi	
Sts		5,621,820	04-15-1997	Rynderman et al.	
Sts		5,623,623	04-22-1997	Kim et al.	
Sts		5,623,701	04-22-1997	Bakke et al.	
Sts		5,627,534	05-06-1997	Craft	
Sts		5,627,995	05-06-1997	Miller et al.	
Sts		5,629,732	05-13-1997	Moskowitz et al.	
Sts		5,630,092	05-13-1997	Carreiro et al.	
Sts		5,642,506	06-24-1997	Lee	
Sts		5,649,032	07-16-1997	Burt et al.	
Sts		5,652,795	07-29-1997	Dillon et al.	
Sts		5,652,917	07-29-1997	Maupin et al.	
Sts		5,654,703	08-05-1997	Clark, II	
Sts		5,655,138	08-05-1997	Kikinis	
Sts		5,666,560	09-09-1997	Moertl et al.	

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5668,737	09-16-1997	Iler	
5671,389	09-23-1997	Saliba	
5675,333	10-07-1997	Boursier et al.	
5694,619	12-02-1997	Konno	
5696,927	12-09-1997	MacDonald et al.	
5703,793	12-30-1997	Wise et al.	
5715,477	02-03-1998	Kikinis	
5717,393	02-10-1998	Nakano et al.	
5717,394	02-10-1998	Schwartz et al.	
5721,958	02-24-1998	Kikinis	
5724,475	03-03-1998	Kirsten	
5729,228	03-17-1998	Franaszek et al.	
5748,904	05-05-1998	Huang et al.	
5757,852	05-26-1998	Jericevic et al.	
5771,340	06-23-1998	Nakazato et al.	
5778,411	07-07-1998	DeMoss et al.	
5781,767	07-14-1998	Inoue et al.	
5784,572	07-21-1998	Rostoker et al.	
5787,487	07-28-1998	Hashimoto et al.	
5799,110	08-25-1998	Israelsen et al.	
5805,932	09-08-1998	Kawashima et al.	
5808,660	09-15-1998	Sekine et al.	
5809,176	09-15-1998	Yajima	
5809,337	09-15-1998	Hannah et al.	

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				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	6	of	11	Attorney Docket Number	8011-15

Slc3	5,812,789	09-22-1998	Diaz et al.	
Slc3	5,818,368	10-06-1998	Langley	
Slc3	5,818,369	10-06-1998	Withers	
Slc3	5,818,530	10-06-1998	Canfield et al.	
Slc3	5,819,215	10-06-1998	Dobson et al.	
Slc3	5,825,424	10-20-1998	Canfield et al.	
Slc3	5,832,037	11-03-1998	Park	
Slc3	5,832,126	11-03-1998	Tanaka	
Slc3	5,836,003	11-10-1998	Sadeh	
Slc3	5,838,996	11-17-1998	deCarmo	
Slc3	5,839,100	11-17-1998	Wegener	
Slc3	5,841,979	11-24-1998	Schulhof et al.	
Slc3	5,847,762	12-08-1998	Canfield	
Slc3	5,861,824	01-19-1999	Ryu et al.	
Slc3	5,861,920	01-19-1999	Mead et al.	
Slc3	5,870,036	02-09-1999	Franaszek et al.	
Slc3	5,870,087	02-09-1999	Chau	
Slc3	5,872,530	02-16-1999	Domyo et al.	
Slc3	5,883,975	03-16-1999	Narita et al.	
Slc3	5,886,655	03-23-1999	Rust	
Slc3	5,889,961	03-30-1999	Dobbek	
Slc3	5,915,079	06-22-1999	Vondran, Jr. et al.	
Slc3	5,917,438	06-29-1999	Ando	
Slc3	5,920,326	07-06-1999	Rentschler et al.	

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5823	5,936,616	08-10-1999	Torborg, Jr. et al.	
5823	5,949,355	09-07-1999	Panaoussis	
5823	5,955,976	09-21-1999	Heath	
5823	5,960,465	09-28-1999	Adams	
5823	5,964,842	10-12-1999	Packard	
5823	5,968,149	10-19-1999	Jaquette et al.	
5823	5,973,630	10-26-1999	Heath	
5823	5,974,471	10-26-1999	Belt	
5823	5,982,723	11-09-1999	Kamatani	
5823	5,991,515	11-23-1999	Fall et al.	
5823	5,996,033	11-30-1999	Chiu-Hao	
5823	6,000,009	12-07-1999	Brady	
5823	6,002,411	12-14-1999	Dye	
5823	6,011,901	01-04-2000	Kirsten	
5823	6,014,694	01-11-2000	Aharoni et al.	
5823	6,026,217	02-15-2000	Adiletta	
5823	6,028,725	02-22-2000	Blumenau	
5823	6,031,939	02-29-2000	Gilbert et al.	
5823	6,032,148	02-29-2000	Wilkes	
5823	6,061,398	05-09-2000	Satoh et al.	
5823	6,075,470	06-13-2000	Little et al.	
5823	6,094,634	07-25-2000	Yahagi et al.	
5823	6,097,520	08-01-2000	Kadnier	
5823	6,104,389	08-15-2000	Ando	

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Sheet	8	of	11		

863	6,105,130	08-15-2000	Wu et al.	
863	6,128,412	10-03-2000	Satoh	
863	6,141,053	10-31-2000	Saukkonen	
863	6,145,069	11-07-2000	Dye	
863	6,172,936	01-09-2001	Kitazaki	
863	6,192,082	02-20-2001	Moriarty et al.	
863	6,195,024	02-27-2001	Fallon	
863	6,253,264	06-26-2001	Sebastian	
863	6,272,627	08-07-2001	Mann	
863	6,272,628	08-07-2001	Aguilar et al.	
863	6,282,641	08-28-2001	Christensen	
863	6,309,424	10-30-2001	Fallon	
863	6,317,714	11-13-2001	Del Castillo et al.	
863	6,330,622	12-11-2001	Schaefer	
863	6,345,307	02-05-2002	Booth	
863	6,421,387	07-16-2002	Rhee	
863	6,434,168	08-13-2002	Kari	
863	6,442,659	08-27-2002	Blumenau	
863	6,449,682	09-10-2002	Toorians	
863	6,452,602	09-17-2002	Morein	
863	6,487,640	11-26-2002	Lipasti	
863	6,489,902	12-03-2002	Heath	
863	6,513,113	01-28-2003	Kobayashi	
863	6,529,633	03-04-2003	Easwar et al.	

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Substitute for form 1449A/PTO FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known	
				Application Number	09/776,267
				Filing Date	February 2, 2001
				First Named Inventor	Fallon
				Art Unit	2115
				Examiner Name	Suresh K. Suryawanshi
Sheet	9	of	11	Attorney Docket Number	8011-15

863	6,542,644	04-01-2003	Satoh	
863	6,590,609	07-08-2003	Kitade et al.	
863	6,601,104	07-29-2003	Fallon	
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863	6,606,040	08-12-2003	Abdat	
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863	6,856,651	02-15-2005	Singh	
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863	2002/ 0126755	09-12-2002	Li et al.	
863	2003/ 0034905	02-20-2003	Anton et al.	
863	2003/ 0084238	05-01-2003	Okada et al.	
863	2003/ 0142874	07-31-2003	Schwartz	

Examiner Signature	Suresh K. Suryawanshi	Date Considered	10/10/06
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					First Named Inventor Fallon
					Art Unit 2115
					Examiner Name Suresh K. Suryawanshi
					Attorney Docket Number 8011-15

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
SB3		EP 0164677	12-18-1985	Texas Instruments Inc.		
SB3		EP 0185098	06-25-1986	Hitachi Ltd		
SB3		EP 0283798	09-28-1988	International Business Machines Corporation		
SB3		EP 0405572	06-29-1990	Fujitsu Limited		
SB3		EP 0493130	12-27-1991	Canon Kabushiki Kaisha		
SB3		EP 0587437	09-10-1993	International Business Machines Corporation		
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SB3		JP 9188009	01-09-1996	Canon Inc.		
SB3		JP 11149376	06-02-1999	Toyo Commun Equip Co. Ltd		
SB3		WO 9414273	06-23-1994	Voxson International Pty Ltd		
SB3		WO 9429852	12-22-1994	Maxtor Corp		
SB3		WO 9502873	01-26-1995	Philips Electronics		
SB3		WO 9748212	06-03-1997	Nokia Telecommunications		

Examiner Signature	Suresh K. Suryawanshi	Date Considered	10/10/06
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					Art Unit 2115
					Examiner Name Suresh K. Suryawanshi
					Attorney Docket Number 8011-15

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
SB3		RICE, ROBERT F., "Some Practical Universal Noiseless Coding Techniques", Jet Propulsion Laboratory, Pasadena, California, JPL Publication 79-22, March 15, 1979.	
SB3		ANDERSON, J., et al. "Codec squeezes color teleconferencing through digital telephone lines", Electronics 1984, pp. 13-15	
SB3		VENBRUX, JACK, "A VLSI Chip Set for High-Speed Lossless Data Compression", IEEE Trans. On Circuits and Systems for Video Technology, Vol. 2, No. 44, December 1992, pp. 381-391	
SB3		"Operating System Platform Abstraction Method", IBM Technical Disclosure Bulletin, Feb. 1995, Vol. 38, Issue No. 2, pp 343-344	
SB3		MURASHITA, K., et al., "High-Speed Statistical Compression using Self-organized Rules and Predetermined Code Tables", IEEE, 1996 Data Compression Conference	
SB3		COENE, W., et al. "A Fast Route For Application of Rate-distortion Optimal Quantization in an MPEG Video Encoder" Proceedings of the International Conference on Image Processing, US., New York, IEEE, 16 September 1996, pp. 825-8286	
SB3		RICE, ROBERT, "Lossless Coding Standards for Space Data Systems", IEEE 1058-6393/97, pp. 577-585	
SB3		YEH, PEN-SHU, "The CCSDS Lossless Data Compression Recommendation for Space Applications", Chapter 16, Lossless Compression Handbook, Elsevier Science (USA), 2003, PP. 311-326.3	

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PTO/SB/08A (10-01)

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				Art Unit	2115
				Examiner Name	Suresh Suyawanshi
Sheet	1	of	1	Attorney Docket Number	8011-15

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
SLB		4,394,774	07-19-1983	Widergren et al.	
SLB		5,209,220	05-11-1993	Hiyama et al.	
SLB		5,379,757	01-10-1995	Hiyama et al.	
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SLB		6,661,839	12-09-2003	Ishida et al.	

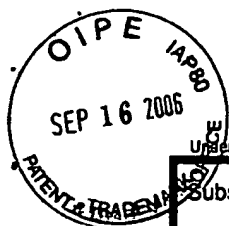
Examiner Signature	Suresh K. Suyawanshi	Date Considered	10/10/06
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SLG		5,227,893	07-13-1993	Ett	
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SLG		5,719,862	02-17-1998	Lee et al.	
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SLG		6,182,125	01-30-2001	Borella et al.	
SLG		6,609,223	08-19-2003	Wolfgang	

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